GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – Request of Andhra Pradesh Gas Distribution Corporation Limited (APGDCL) for Laying 24"/18" dia Natural Gas pipe line as part of Kakinada-Srikakulam Natural Gas pipeline, crossing at various canals in Visakhapatnam District – Permission Accorded –Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.RT.No. 177 Dated: 01-03-2019

Read the following:

1.From the Principal Secretary to Government, Energy, Infrastructure & Investment and CRDA Departments, A.P.Secretariat, Velagapudi D.O. letter dated 21.08.2018.
2.From the Chief Engineer, Minor & Medium Irrigation, Vijayawada letter No.DCE-1/OT1/T1/Visakha,APGDC,dated: 16.08.2018 .

O R D E R:

In the reference 1st read above, the Principal Secretary to Government, Energy, Infrastructure & Investment and CRDA Departments has stated that Andhra Pradesh Gas Distribution Corporation Limited (APGDCL), a joint venture of APGIC and GAIL Gas Ltd, has been entrusted with development of Gas infrastructure in the State of Andhra Pradesh and forwarded the request of Managing Director, APGDCL for according permission for crossing various water bodies such as Rivers, Canals, Nalas, Drains, Water tanks etc. for carrying out the trenching and laying pipeline operations with all standard precautions and with all safety measures in East Godavari and Vishakhapatnam Districts.

2. The Chief Engineer, Minor & Medium Irrigation, Water Resources Department Vijayawada, after inspection of the proposed Natural Gas Pipeline crossings, has furnished the list of crossings and the conditions to be stipulated through the reference 2nd read above. The details of crossings and the conditions to be stipulated are as follows:

2(a)List of Crossings:

Table-1

Calculation of way leave charges & Security Deposit for crossing of pipeline(Andhra Pradesh Gas Distribution Corporation)											
Sl. No.	IP No.of pipeline Crossing	Crossing chainage of Pipeline	District	Mandal	Village	Name of the Tanks	Crossing width of water Body (in m)	Width of land acquired for pipeline /ROW(in m)	Restoration charges(per meter)	Total Amount (for Security deposit)	Remarks
1	867	143028	Visakhapatnam	Sabbavaram	Paidivada Agraharam	Feeder channel o f Pedda Tank	27	20	10000	27000	
2	869	143297	Visakhapatnam	Sabbavaram	Paidivada Agraharam	Feeder channel o f Pedda Tank	30	20	10000	300000	
3	900	146744	Visakhapatnam	Sabbavaram	Gollalapalem	Feeder channel of Raju Tank Amutha puram	15	20	10000	150000	

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4	904	147388	Visakhapatnam	Sabbavaram	Gollalapalem	Konda Gedda	20	20	10000	200000	
5	906	147585.5	Visakhapatnam	Sabbavaram	Gollalapalem	Feeder channel of Raju Tank Amuthapuram	25	20	10000	250000	

Total - 11,70,000
Add GST Charges 12% - 1,40,400
Add NAC Charges 0.1% - 1170
Add Labour charges 1% - 11,700
Add for unforeseen items - 730
Total Net Amount - 13,24,000

Table-2

Calculation of way leave charges & Security Deposit for crossing of pipeline(Andhra Pradesh Gas Distribution Corporation)											
Sl. No.	IP No.of pipeline Crossing	Crossing chainage of Pipeline	District	Mandal	Village	Name of the Tanks	Crossing width of water Body (in m)	Width of land acquired for pipeline /ROW(in m)	Restoration charges(per meter)	Total Amount (for Security deposit)	Remarks
1	IP-865	142863	Visakhapatnam	Sabbavaram	Paidivada Agraharam	Devudu Cheruvu	50	20	20000	1000000	
2	IP-870	143450	Visakhapatnam	Sabbavaram	Paidivada Agraharam	Pedda Tank	80	20	20000	1600000	
3	IP-893	146340	Visakhapatnam	Sabbavaram	Gollalapalem	Rayaparaju Cheruvu	290	20	20000	5800000	

Total - 84,00,000
Add GST Charges 12% - 10,08,000
Add NAC Charges 0.1% - 8400
Add Labour charges 1% - 84,000
Add for unforeseen items - 600
Total Net Amount - 95,01,000

Table-3

Calculation of way leave charges & Security Deposit for crossing of pipeline(Andhra Pradesh Gas Distribution Corporation)											
SI. No.	IP No.of Pipeline Crossing	Crossing Chainage of Pipeline	District	Mandal	Village	Name of Source	Crossing width of Water Body (in m)	Width of land aquired for pipeline /ROW(in m)	Restoration charges (per meter)	Total Amount (for Security deposit)	Remarks
1	678	114425	Visakhapatnam	Munagapaka	Kurmanapurma	Patheru	14	20	10000	140000	
2	680	114811.5	Visakhapatnam	Munagapaka	Kurmanapurma	Field Channel	13	20	10000	130000	
3	697	117392	Visakhapatnam	Munagapaka	Vedurparthi	Melupaka Gedda	10	20	10000	10000	
4	708	119326	Visakhapatnam	Achuthapurma	Peddapadu	Rolu Gedda	18	20	10000	180000	
5	717	120807.5	Visakhapatnam	Munagapaka	Thimmaraju peta	Estate Canla	11	20	10000	110000	
6	719	121118.5	Visakhapatnam	Munagapaka	Thimmaraju peta	Field Channel	14	20	10000	140000	

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7	722	121614.5	Visakhapatnam	Munagapaka	Munagapaka	Field Channel	6	20	10000	140000	
8	725	121862.5	Visakhapatnam	Munagapaka	Thimmaraju peta	K R Canal	8	20	10000	80000	
9	726	121941	Visakhapatnam	Munagapaka	Thimmaraju peta	K R Canal	22	20	10000	220000	
10	732	123332.5	Visakhapatnam	Munagapaka	Munagapaka	AKP Ava Canal	8	20	10000	80000	
11	740	124772.5	Visakhapatnam	Munagapaka	Munagapaka	AKP Ava Canal	30	20	10000	300000	
12	764	128861	Visakhapatnam	Anakapalli	Ankapalli	Konda Gedda	8	20	10000	80000	
13	775	130079	Visakhapatnam	Anakapalli	Ankapalli	Gairamma Gedda	20	20	10000	200000	
14	778	130593	Visakhapatnam	Anakapalli	Ankapalli	AKP Ava Canal	25	20	10000	250000	
15	780	130795.5	Visakhapatnam	Anakapalli	Ankapalli	AKP Ava Canal	9	20	10000	90000	
16	791	132687	Visakhapatnam	Anakapalli	Ankapalli	Puli Kalava	10	20	10000	100000	
17	799	133683	Visakhapatnam	Anakapalli	Ankapalli	Puli Kalava	20	20	10000	200000	
18	804	134497	Visakhapatnam	Anakapalli	Golagam	YRC Canal	50	20	10000	500000	
19	808	134985.5	Visakhapatnam	Anakapalli	Golagam	Konda Gedda	25	20	10000	250000	
20	822	136565	Visakhapatnam	Anakapalli	Golagam	Feeder Channel Setti Vani Tank	16	20	10000	160000	
21	831	138024	Visakhapatnam	Anakapalli	Maredupudi	Konda Gedda	10	20	10000	100000	
22	834	138572.5	Visakhapatnam	Anakapalli	Maredupudi	Konda Gedda	8	20	10000	80000	
23	836	138889	Visakhapatnam	Anakapalli	Maredupudi	Konda Gedda	15	20	10000	150000	
24	854	141535	Visakhapatnam	Anakapalli	Koduru	Konda Gedda	10	20	10000	100000	
25	858	141525	Visakhapatnam	Anakapalli	Koduru	Gedda Channel	7	20	10000	70000	

Total	-	38,70,000
Add GST Charges 12%	-	4,64,400
Add NAC Charges 0.1%	-	3870
Add Labour charges 1%	-	38,700
Add for unforeseen items	-	3030
Total Net Amount	**-**	**43,80,000**

Table-4

Calculation of way leave charges & Security Deposit for crossing of pipeline(Andhra Pradesh Gas Distribution Corporation)											
Sl. No.	IP No.of pipeline Crossing	Crossing chainage of Pipeline	District	Mandal	Village	Name of the Tanks	Crossing width of water Body (in m)	Width of land acquired for pipeline /ROW(in m)	Restoration charges(per meter)	Total Amount (for Security deposit)	Remarks
1	IP-814	136028	Visakhapatnam	Anakapalli	Golagam	Yerakanna Dora Tank	300	20	20000	6000000	
2	IP-827	137702	Visakhapatnam	Anakapalli	Golagam	Komati Tank	250	20	20000	5000000	
3	IP-849	141179	Visakhapatnam	Anakapalli	Koduru	Kesava Naidu Tank	206	20	20000	4120000	

(PTO)

4	IP-856	141972	Visakhapatnam	Anakapalli	Koduru	Gorila Vani Tank	160	20	20000	3200000	
5	IP-857	142067	Visakhapatnam	Anakapalli	Koduru	Peetha Tank	70	20	20000	1400000	

Total - 1,97,20,000
Add GST Charges 12% - 23,66,400
Add NAC Charges 0.1% - 19,720
Add Labour charges 1% - 1,97,200
Add for unforeseen items - 1680
Total Net Amount - 22,305,000

Table-5

Calculation of way leave charges & Security Deposit for crossing of pipeline(Andhra Pradesh Gas Distribution Corporation)

SI. No.	IP No. of Pipeline Crossing	Crossing Chainage of Pipeline	District	Mandal	Village	Name of the source	Crossing width of Water Body	Width of land aquired for pipeline/ Row (in m)	Restoration charges (Per meter)	Toal Amount (for Security depost)	Remarks
1	340	55756	Visakhapatnam	Payakaraopet	Pedaramabhadrapuram	Muta Channel	10	20	10000	100000	
2	344	56600	Visakhapatnam	Payakaraopet	Pedaramabhadrapuram	Rajavaram Channel	32	20	10000	320000	
3	346	56758	Visakhapatnam	Payakaraopet	Pedaramabhadrapuram	Rajavaram Channel	24	20	10000	240000	
4	356	58366	Visakhapatnam	Payakaraopet	Pedaramabhadrapuram	Branch of Mutra Channel	16	20	10000	160000	
5	358	58726	Visakhapatnam	Payakaraopet	Pedaramabhadrapuram	Muta field channel	8	20	10000	80000	
6	371	60317	Visakhapatnam	Payakaraopet	Satyavaram	Satyavaram Channel	20	20	10000	200000	
7	376	61010	Visakhapatnam	Payakaraopet	Mangavaram	Gopalapatnam channel	20	20	10000	200000	
8	379	61633.5	Visakhapatnam	Payakaraopet	Mangavaram	Field Channel from Mangavaram cahnnel	13	20	10000	130000	
9	382	61998.5	Visakhapatnam	Payakaraopet	Mangavaram	Ava Kaluva	9	20	10000	90000	
10	384	62351	Visakhapatnam	Payakaraopet	Mangavaram	Field channel of Ava Kaluva	10	20	10000	100000	
11	390	63294	Visakhapatnam	Payakaraopet	Guntapalli	Field channel of Ava Kaluva	6	20	10000	60000	
12	391	63364.5	Visakhapatnam	Payakaraopet	Guntapalli	Field channel of Ava Kaluva	6	20	10000	60000	
13	397	64409	Visakhapatnam	Payakaraopet	Guntapalli	Bhoomi Channel	18	20	10000	180000	

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14	411	67450	Visakhapatnam	Nakkapalli	Godicherla	Bhoomi Channel	60	20	10000	600000	
15	422	69748	Visakhapatnam	Nakkapalli	Gullipadu	Supply channel to Ura tank	18	20	10000	180000	
16	431	71259	Visakhapatnam	Nakkapalli	Chinnadoddugallu	Paragana Surplus	20	20	10000	200000	
17	439A	73179	Visakhapatnam	Nakkapalli	Chinnadoddugallu	Supply channel to Venkatayya tank	18	20	10000	180000	
18	440	73443	Visakhapatnam	Nakkapalli	Chinnadoddugallu	Supply channel from Palpudi tank	8	20	10000	80000	
19	454	76091	Visakhapatnam	Nakkapalli	Peddadoddu Gallu	Kotha tank surplus course	16	20	10000	160000	
20	482	80921	Visakhapatnam	S.Rayavaram	Peddagumaluru	Feeder channel of Dubbula tank	12	20	10000	120000	
21	484	81310.5	Visakhapatnam	S.Rayavaram	Chinnagumaluru	Feeder channel to to Rathi tank	11	20	10000	110000	
22	488	81975	Visakhapatnam	S.Rayavaram	Chinnagumaluru	Feeder channel to to Rathi tank	8	20	10000	80000	
23	490	82151	Visakhapatnam	S.Rayavaram	Chinnagumaluru	Feeder channel to to Rathi tank	6	20	10000	60000	
24	495	83324.5	Visakhapatnam	S.Rayavaram	Chinnagumaluru	Feeder channel to Thati banda	7	20	10000	70000	
25	498	84018.5	Visakhapatnam	S.Rayavaram	Daralapudi	Feeder channel to Thati Banda	11	20	10000	110000	
26	502	84802	Visakhapatnam	S.Rayavaram	Chinnagumaluru	Gogadda drain	20	20	10000	200000	
27	503	84862	Visakhapatnam	S.Rayavaram	Chinnagumaluru	Gogadda drain	8	20	10000	80000	
28	504	84999	Visakhapatnam	S.Rayavaram	Chinnagumaluru	Gogadda drain	18	20	10000	180000	
29	510	85949	Visakhapatnam	S.Rayavaram	Penugollu	High level channel	16	20	10000	160000	
30	517	86746.5	Visakhapatnam	S.Rayavaram	Penugollu	Ummadi channel	27	20	10000	270000	
31	529	87841	Visakhapatnam	S.Rayavaram	Dharmavarama Agraharam	Konda gedda	10	20	10000	100000	
32	536	89173	Visakhapatnam	Yelamanchili	Padmanabharjupeta	Brnach of Pulaparthi chnnel	10	20	10000	100000	

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33	548	90842.5	Visakhapatnam	Yelamanchili	Pulatarthi	Sypply channel of Ura tank	25	20	10000	250000	
34	552	91860	Visakhapatnam	Yelamanchili	Pulatarthi	Surplus course of vilapmarapu cheruvu	8	20	10000	80000	
35	553	92032.5	Visakhapatnam	Yelamanchili	Krishnapuram	Supply channel form vilapmarupu tank	27	20	10000	270000	
36	555	92310	Visakhapatnam	Yelamanchili	Krishnapuram	Surplus course of vilapmarpu cheruvu	12	20	10000	120000	
37	562	93523	Visakhapatnam	S.Rayavaram	Petasudipuram	Surplus course of vilapmarpu cheruvu	10	20	10000	100000	
38	563	93735.5	Visakhapatnam	S.Rayavaram	Petasudipuram	Local puntha	15	20	10000	150000	
39	564	93980.5	Visakhapatnam	S.Rayavaram	Petasudipuram	Local puntha	15	20	10000	150000	
40	565	94196	Visakhapatnam	S.Rayavaram	Petasudipuram	Feeder Channel to Ummadi tank	20	20	10000	200000	
41	572	95587	Visakhapatnam	S.Rayavaram	Vemagiri	Supplyu channel of Ummadi tank	20	20	10000	200000	
42	573	95761	Visakhapatnam	S.Rayavaram	Vemagiri	Supplyu channel of Ummadi tank	14	20	10000	140000	
43	577	96577.5	Visakhapatnam	S.Rayavaram	Petasudipuram	Supply channel of pedda tank	25	20	10000	250000	
44	581	97123	Visakhapatnam	S.Rayavaram	Petasudipuram	Feeder channel to Masidu tank	12	20	10000	120000	
45	596	100056	Visakhapatnam	Yelamanchili	Teruvapalli	Surplus course of VK sagar tank	20	20	10000	200000	
46	600	100688.5	Visakhapatnam	Yelamanchili	Teruvapalli	Supply channel of VK sagar tank	7	20	10000	70000	
47	602	101126.5	Visakhapatnam	Yelamanchili	Teruvapalli	Yelamanchili Channel	15	20	10000	150000	
48	612	103288.5	Visakhapatnam	Yelamanchili	Yelamanchili	Kotha palem gedda	27	20	10000	270000	
49	616	103912.5	Visakhapatnam	Yelamanchili	Yelamanchili	Malagadda	55	20	10000	550000	
50	637	108472	Visakhapatnam	Kasimkota	Yenugutuni	Borramma gadda	20	20	10000	200000	

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51	641	108926.5	Visakhapatnam	Kasimkota	Yenugutuni	Khandi channel	15	20	10000	150000	
52	660	111616	Visakhapatnam	Munagapaka	Challamalla	Supply channel from Melupaka gadda	6	20	10000	60000	
53	664	112178	Visakhapatnam	Munagapaka	Ganapathi	Challamalla regulatory channel	6	20	10000	60000	
54	672	113715	Visakhapatnam	Munagapaka	Ganapathi	Branch of Krishnamraju channel	6	20	10000	60000	
55	673	113779	Visakhapatnam	Munagapaka	Ganapathi	Garlada channel	10	20	10000	100000	
56	676	114233	Visakhapatnam	Munagapaka	Chuchukonda	Ummalada channel	8	20	10000	80000	

Total - 89,40,000

Add GST Charges 12% - 10,72,800

Add NAC Charges 0.1% - 8940

Add Labour Charges 1%- 89,400
Add for unforeseen items - 670
Total Net Amount - 1,01,11,810

Table-6

Calculation of way leave charges & Security Deposit for crossing of pipeline(Andhra Pradesh Gas Distribution Corporation)

Sl. No.	IP No.of pipeline Crossing	Crossing chainage of Pipeline	District	Mandal	Village	Name of the Tanks	Crossing width of water Body (in m)	Width of land acquired for pipeline /ROW(in m)	Restoration charges(per meter)	Total Amount (for Security deposit)	Remarks
1	IP-329	53664	Visakhapatnam	Payakaraopeta	Palteru	Kanumala cheruvu	30	20	20000	600000	
2	IP-334	54702	Visakhapatnam	Payakaraopeta	Palteru	Kotha cheruvu	20	20	20000	400000	
3	IP-415	68006	Visakhapatnam	Nakkapalli	Godicherala	Jagannadarajucheruvu	10	20	20000	200000	
4	IP-434	71802	Visakhapatnam	Nakkapalli	Chinna Doddigallu	Paraganatank	80	20	20000	1600000	
5	IP-444	74332	Visakhapatnam	Nakkapalli	Chinna Doddigallu	Kunumala cheruvu	56	20	20000	1120000	
6	IP-474	79638	Visakhapatnam	S.Rayavaram	Pedda Gummalluru	Erratank	50	20	20000	1000000	Passing through edge
7	IP-478	80249	Visakhapatnam	S.Rayavaram	Pedda Gummalluru	Kondayyatank	80	20	20000	1600000	
8	IP-547	90790	Visakhapatnam	Yelamanchili	Pulaparthi	Uratank	70	20	20000	1400000	

(PTO)

9	IP-568	94869	Visakha patnam	S.Raya varam	Vema giri	Umm adi tank	100	20	20000	200000	
10	575	96230	Visakha patnam	S.Raya varam	Petas udipur am	Pedd a tank	310	20	20000	620000	

Total - 1,61,20,000
Add GST Charges 12% - 19,34,400
Add NAC Charges 0.1% - 16120
Add Labour charges 1% - 161200
Add for unforeseen items - 280
Total Net Amount - 1,82,32,000

Table-7

Calculation of way leave charges & Security Deposit for crossing of pipeline(Andhra Pradesh Gas Distribution Corporation)											
Sl. No.	IP No.of pipeline Crossing	Crossing chainage of Pipeline	District	Mandal	Village	Name of the Tanks	Crossing width of water Body (in m)	Width of land acquired for pipeline /ROW(in m)	Restoration charges(per meter)	Total Amount (for Security deposit)	Remarks
1	365	59701	Visakha patnam	Payak araopeta	Pedar ama bhadr apura m	Than dava River	160	20	20000	320000	
2	520	87325	Visakha patnam	S. Rayav aram	Penug ollu	Varah a River	150	20	20000	300000	
3	655	11107 9	Visakha patnam	Kasim kota	Amina saheb peta	Shara dha River	194	20	20000	388000	

Total - 1,00,80,000
Add GST Charges 12% - 12,09,600
Add NAC Charges 0.1% - 10080
Add Labour charges 1% - 1,00,800
Add for unforeseen items - 520
Total Net Amount - 1,14,01,000

2(b) Conditions:

i). Irrigation Department reserves right of denial of crossing to the APGDC Line if it is found to be causing any sort of structural stability and hindrance to ☐ow of water bodies or minor irrigation sources at the point of crossings.

ii) The APGDC authorities should execute the crossing work without altering any natural profile and the existing hydraulic particulars of the irrigation water bodies/Rivers/canals/streams.

iii). After execution of the work the APGDC should restore the irrigation water bodies /Rivers/canals/streams to the original position as directed by the engineers of irrigation department.

iv) This department reserves the right of modification/alteration/upgradation of the irrigation property without the consent of APGDC and the company authorities should oblige the same without any changes. The additional expenditure should be borne by the APGDC.

v). The top level of the pipe line proposed should be at least 5.00 M below the canal bed level for major canals & 2.5 M below for minor canals.

vi). The pipeline should be laid preferably by Auger Boring or Horizontal Digging and Drilling (HDD) method for major Rivers having bed width more than 7 meters without disturbing the existing embankments.

vii). During laying of the pipes, if the canal and rivers prism or banks are disturbed, the firm (i.e., M/s APGDC, Kakinada) is liable for restoration of canals to its original standards with their own cost and as directed by the Engineer - In - Charge of the department.

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viii). If any damage is caused to crop or habitations in the vicinity, the sole responsibility shall lie with the applicant firm and adequate compensation should be paid by the firm (i.e., M/s APGDC, Kakinada) to the Farmers or people affected with the damage.

ix). After laying the pipeline the canal should be restored to its original standards and No Objection Certificate (NOC) may be obtained from the concerned officials of Water Resource department to get release of the security deposit.

x). Safety of the pipe lines laid is the sole responsibility of the Firm (i.e., M/s APGDC, Kakinada).

xi). The ideas of departmental officers should invariably be considered while executing the work keeping in view of the safety of the structures like □ood banks.

xii). The Andhra Pradesh Gas Distribution Corporation Limited, Kakinada shall remit the security deposit for an amount of Rs. 77,25,481 /**-** in the shape of Demand Draft in favour of P.A.O, Works and Projects, Visakhapatnam and Rs. 6,95,29,329 /- in the form of BG (Total Security Deposit Rs. 7,72,54,810 /-) and hand over to the Executive Engineer, Irrigation division, Visakhapatnam and get permission to execute the works well in advance to carry out any damages caused by the company to irrigation sources during laying of pipe line if any and requested to obtain permission (NOC) from Competent authority.

3. The Chief Engineer, Minor & Medium Irrigation, Water Resources Department, Vijayawada has recommended Government to accord permission to Andhra Pradesh Gas Distribution Corporation Limited (APGDCL) for Laying 24”/18” dia Natural Gas pipe line, crossing at various canals in Visakhapatnam District as part of Kakinada-Srikakulam Natural Gas pipeline at the locations as mentioned at para 2(a) subject to the conditions mentioned at para.2(b).

4. In view of the circumstances explained by the Chief Engineer, Minor & Medium Irrigation, Water Resources Department, Vijayawada, Government after careful examination of the matter, hereby accord permission to Andhra Pradesh Gas Distribution Corporation Limited (APGDCL) for Laying 24”/18” dia Natural Gas pipe line, crossing at various canals in Visakhapatnam District as part of Kakinada-Srikakulam Natural Gas pipeline at the locations mentioned at para 2(a) subject to the conditions mentioned at para.2(b).

5. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of Visakhapatnam district shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada.
The Collector & District Magistrate, Visakhapatnam District.
The Chief Engineer, Minor & Medium Irrigation, Water Resources Department, Vijayawada.
The Managing Director, Andhra Pradesh Gas Distribution Corporation Limited (APGDCL), Vijayawada.
Copy to:
The Private Secretary to Hon‘ble Minister for Water Resources.
The Private Secretary to Secretary to Government, Water Resources Department.
The Principal Secretary to Government, Energy, Infrastructure & Investment and CRDA Departments, A.P.Secretariat, Velagapudi, Amaravati.
The Superintending Engineer, Irrigation Circle, Visakhapatam.

//FORWARDED::BY ORDER//

SECTION OFFICER